yamakawa™

DVD Player

www.yamakawa.de

USER MANUAL

DOLBY DIGITAL · DVD VIDEO · VIDEO CD · COMPACT disc DIGITAL VIDEO · COMPACT disc DIGITAL AUDIO

Table of Contents

Important Safety Instructions 01

Notes on Discs 02

Introduction

Front Panel 03
Rear Panel 03
Display Window 04
Remote Control Functions 05
Prepare the remote Control 05

Getting Started

Video Connection 06
Audio Connection 06
Operating DVD player with the remote control 07

Basic Operation

Playing a DVD 08
Front Panel Operation 08
Remote Control Operation 09

Special Operation

What is MP3 12
MP3 Operation 12
What is JPEG 13
Playing Your JPEG Files 13
What is WMA 14
What is PROGRESSIVE SCAN 14
What is DVD-Audio 14

System Configuration

General Setup Page 15
Audio Setup Page 16
Video Setup Page 20
Preference Page 22
Password Setup Page 23
Exit Setup Menu 23

Warranty and Service 24

WARNING

Warning! - This symbol is intended to alert you to the presence of dangerous voltage with the product's enclosure that may be of sufficient magnitude, to reduce a risk of electrical shock or fire. Do not expose the unit to rain or moisture. Refer to the warning label or tag included, and exercise with extreme caution.

Caution! - This symbol is intended to alert you to the presence of important operating and maintenance instructions in the literature accompanying the appliance. Refer to the User's Manual or Operator's Manual for precautionary instructions.

Caution!

To reduce the risk of electric shock, do not remove cover (front or back). No user-serviceable parts inside. Refer servicing to qualified service professional.

THIS PRODUCT APPLIES U.S. PATENT NOS. 4,631,603, 4,577,216, 4,819,098, AND 4,907,093 LICENSED FOR LIMITED VIEWING USES ONLY.

This product is class 1 laser product,

Warnings

Use only shielded cables to connect I / O devices to this equipment.

Copyright

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Manufactured under license from Dolby Laboratories.

"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received; including interference that may cause undesired operation.

This Equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important Safety Instructions

01. Read these instructions.
02. Keep these instructions.
03. Heed all warnings.
04. Follow all instructions.
05. Do not use this apparatus near water.
06. Clean only with a damp cloth.
07. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
08. Do not install it near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
09. Do not defeat the safety purpose of the polarized-type plug: A polarized plug has two blades with one wider than the other. The wider blade is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched (particularly the plug, convenience receptacles, and the point where they exit from the apparatus).
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use with caution.
13. Unplug this apparatus during lightning, storms, or when unused for a long period of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way: ex. power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Please read all of these instructions thoroughly before operating the DVD Player.

- Unplug the connector from DVD-Player to the system unit before cleaning. Do not use liquid or aerosol cleaners.
- Use a damp cloth for cleaning.
- Use only attachments recommended by the manufacturer; un-approved attachments may be hazardous.
- Do not place the DVD-Player near water, for example near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
- Do not place the DVD-Player on an unstable cart, stand or table. If the DVD-Player falls, it could injure a person or cause serious damage to the appliance. Use only a cart or stand recommended by the manufacturer or sold with the mounting kit approved by the manufacturer and follow the kit instructions.
- Do not allow anything to rest on the power cord.
- Do not locate the DVD-Player where people may walk on the cord.
- In order to avoid the damage of the DVD-Player from lightning and power surges, please unplug all the connectors from the system unit when the DVD Player is under a spare time or lightning storm.
- Do not overload power outlet and extension cords. Electric power overload will cause fire or electric shock.
- Never push any objects into the slot in the DVD-Player cabinet. It could touch dangerous voltage points or short out parts resulting in a fire or electric shock. Never spill liquid on the DVD-Player.
- If your DVD-Player does not operate normally, unplug it immediately and contact an authorized technician.
- To avoid electric shock, do not attempt to open the cabinet and repair any damaged parts. Unplug the DVD-Player from the system unit and refer servicing to qualified service personnel under the following conditions:

- When the power cord or plug is damaged or frayed.
- If liquid have been spilled onto the DVD-Player.
- If the DVD-Player has been exposed to rain or moisture.
- If the DVD-Player does not operate normally after you have followed the operating instructions. Ad just only those controls covered by the operating instructions; improper adjustments to other con trols may result in damage and may require ex tensive work by a qualified technician to restore the DVD-Player to normal operation.
- If the DVD-Player has been dropped or the cabi net has been damaged.
- When the video and audio of DVD-Player exhibits a distinct change in performance.
- To reduce the risk of electric shock, do not remove the cover (front or back). No user-serviceable parts inside. Refer servicing to qualified service professional.
- This product applies to U.S. Patent Nos. 4,631, 603, 4,577,216, 4,819,098 and 4,907,093 Li-censed for limited viewing uses only.
- DVD-Player is a high quality laser product. This player uses a visible laser beam that could cause hazardous radiation exposure if directed to the eyes.

Handling precautions

- Hold the disc by the edges so the surface will not be soiled with fingerprints. Fingerprints, dirt and scratches can cause skipping and distortion.
- Do not write on the label side with a ball-point pen or other writing tools.
- Do not use record cleaning sprays, benzene, thinner, static electricity prevention liquids or any other solvent.
- Be careful not to drop or bend the disc.
- Do not install more than 1 disc on the disc tray.
- Do not try to close the disc tray when the disc is not installed properly.
- Be sure to store the disc in its exclusive case.

If the Surface is soiled

- Wipe gently with a soft, damp (water only) cloth.
- When wiping discs, always move the cloth from the center hole toward the outer edge.
- If you wipe the discs using a circular motion, circular scratches are likely to occur, which will cause noise while playing.
- If the disc is brought from cold to warm environment, moisture may form on the disc.
- Wipe this moisture off with a soft, dry, lint-free cloth before using the disc.

Improper disc storage

You can damage discs if you store them in the following places:

- Areas exposed to direct sunlight.
- Humid or dusty areas.
- Areas directly exposed to a heat outlet or heating appliance.

The player cannot play discs

- DVD region code is not suitable for your player.

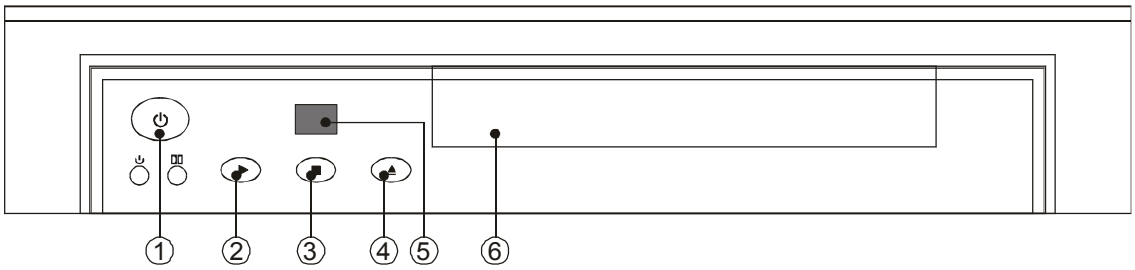
Maintenance

- Be sure to turn the power button OFF and disconnect the power plug before maintaining the unit.
- Wipe this unit with a dry soft cloth.
- If the surface is extremely dirty, wipe clean with a cloth that has been dipped in water and then wipe again with a dry cloth.
- Never use alcohol, benzene, thinner, cleaning fluid or other chemicals. And do not use compressed air to remove dust.

Introduction

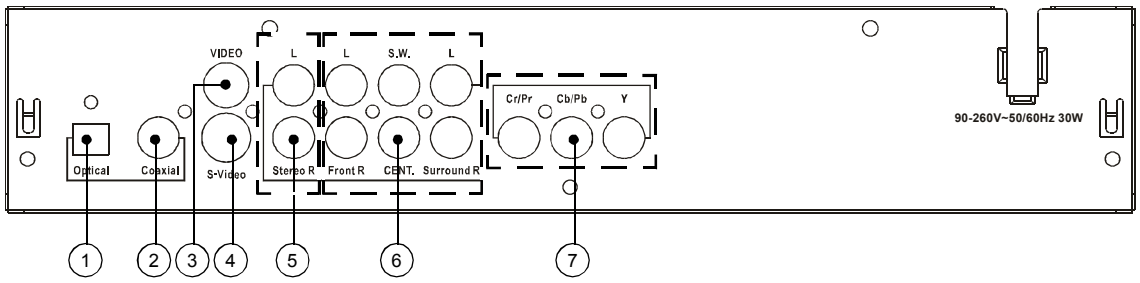
This section describes a full-fuction high performance DVD Player that is microprocessor-controlled and also allows users to place their own settings into memory via external setting. The setting status is indicated on the screen.

Front Panel



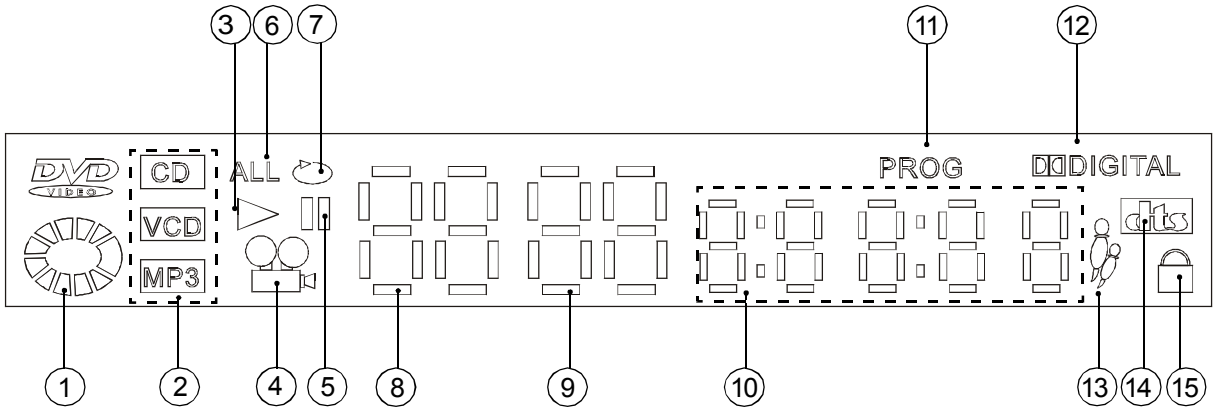
(1) POWER SWITCH
(2) PLAY BUTTON
(3) STOP BUTTON
(4) OPEN/CLOSE BUTTON
(5) REMOTE RECEIVER
(6) DISC TRAY

Rear Panel



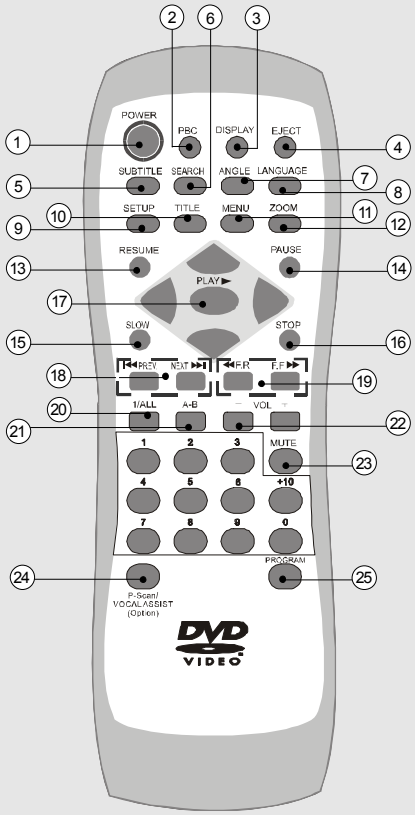
(1) OPTICAL OUTPUT
(2) COAXIAL OUTPUT
(3) COMPOSITE OUTPUT
(4) S-VIDEO OUTPUT
(5) STEREO (L/R) OUTPUT
(6) 5.1 CHANNELS OUTPUT (for 5.1channel mode)
(7) COMPONENT/P-SCAN OUTPUT

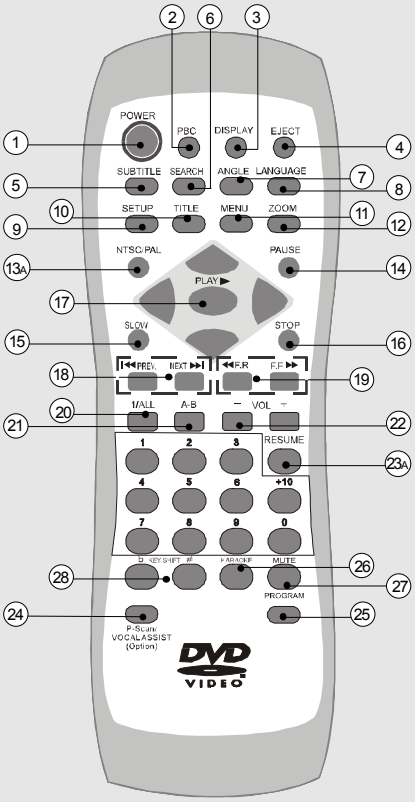
Display Window (optional)



(1) PLAYING
(2) CURRENT DISC (Option)
(3) PLAY
(4) ANGLE
(5) PAUSE
(6) REPEAT ALL
(7) REPEAT CHAPTER
(8) TITLE NUMBER
(9) CHAPTER NUMBER
(10) TIME
(11) PROGRAM
(12) DOLBY DIGITAL
(13) KARAOKE (Option)
(14) DTS (Option)
(15) DIVIDING CONTROL

Remote Control Functions





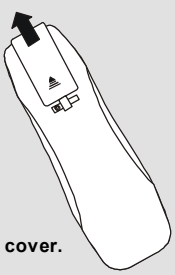
(FOR KARAOKE FUNCTION)

(1) POWER (2) PBC (3) DISPLAY (4) EJECT (5) SUBTITLE
(6) SEARCH (7) ANGLE (8) LANGUAGE (9) SETUP (10) TITLE
(11) MENU (12) ZOOM (13) RESUME (13A) NTSC / PAL (FOR KARAOKE FUNCTION)
(14) PAUSE (15) SLOW (16) STOP (17) PLAY/ENTER
(18) PREVIOUS / NEXT (19) F.F./F.R. (20) 1/ALL (21) A-B
(22) VOL+ / VOL- (23) MUTE (23A)RESUME(FOR KARAOKE FUNCTION)
(24) P-Scan(Option) / VOCAL-ASSIST(Option) (25) PROGRAM
(26) KARAOKE (FOR KARAOKE FUNCTION) (27) MUTE(FOR KARAOKE FUNCTION)
(28) KEY SHIFT (FOR KARAOKE FUNCTION)

Prepare the Remote Control

To operate the DVD player , you must place the batteries in the remote control first.

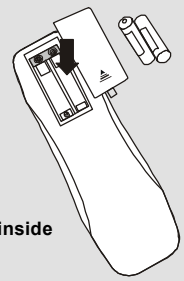
1



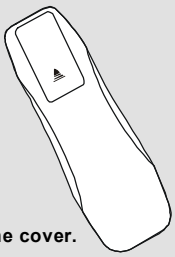
1. Open the cover.

2

2. Insert batteries (size AAA). Make sure the position of + and - on the batteries match the marks inside the battery compartment.



3

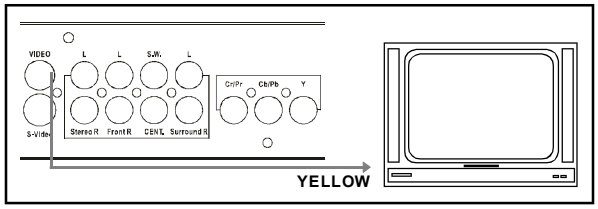


3. Close the cover.

Video Connection

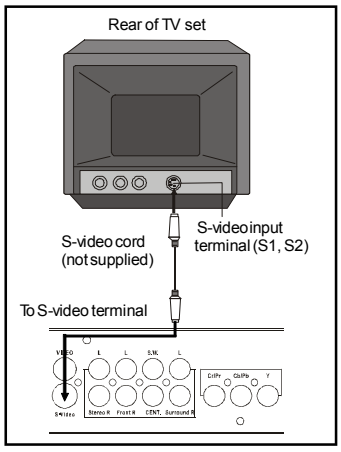
Video Output

Connect the DVD player's video output (RCA connector or S-Video) on the rear panel to the TV's video input (or other devices) using AV, S-Video or Component.



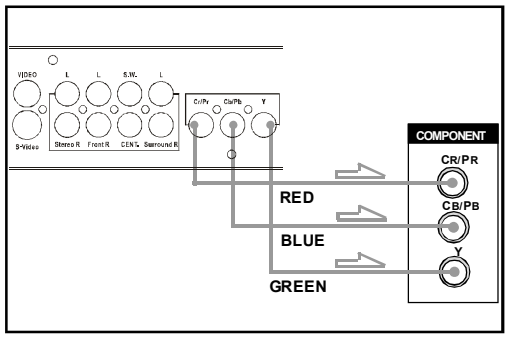
S-Video Output

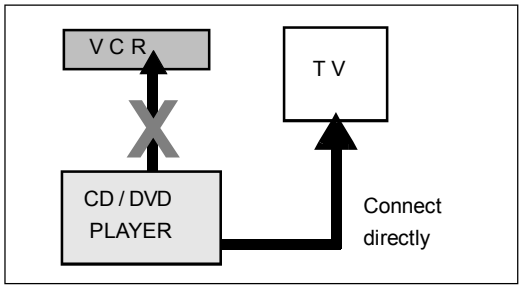
■ If your display device supports S-Video terminal, you can also connect your display device to DVD player's S-Video Output connector on the rear panel.



COMPONENT

■ You can connect the DVD Receiver to a device having COMPONENT video input connetors by three terminal Video cables.





Notes:

1. Refer to the instructions supplied with the component to be connected.
2. Do not connect this player to a video deck. If you do, noise may appear in the picture.

Audio Connection

Stereo Configuration

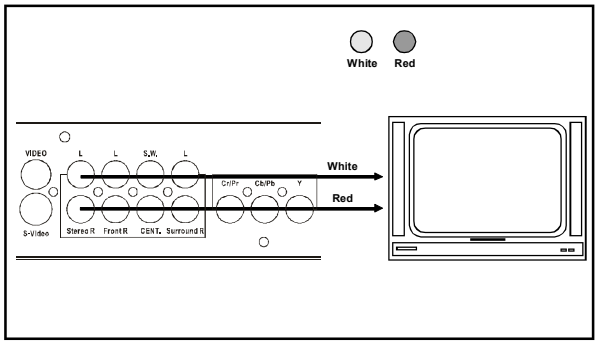
Connect your TV stereo audio inputs (L for left channel and R for right channel) to the DVD player's stereo audio output L and R respectively.

Analog 2 / 5.1 Channel Output

For your convenience and cost concern, DVD-Player supports Dolby 2/5.1 Channel audio output directly. However, you still need to connect the 2/5.1 Channel audio output to your audio amplifier relatively as following.

Note:

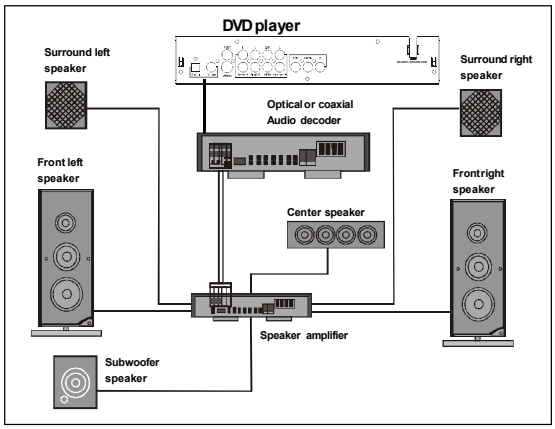
When you connect the DVD player to another device, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections. The output sound of the DVD player has a wide dynamic range. Be sure to adjust the receiver's volume to a moderate listening level. Otherwise, the speakers may be damaged by a sudden high volume sound. Turn off the receiver before you connect or disconnect the DVD player's power cord. If you leave the receiver power on, the speakers may be damaged.



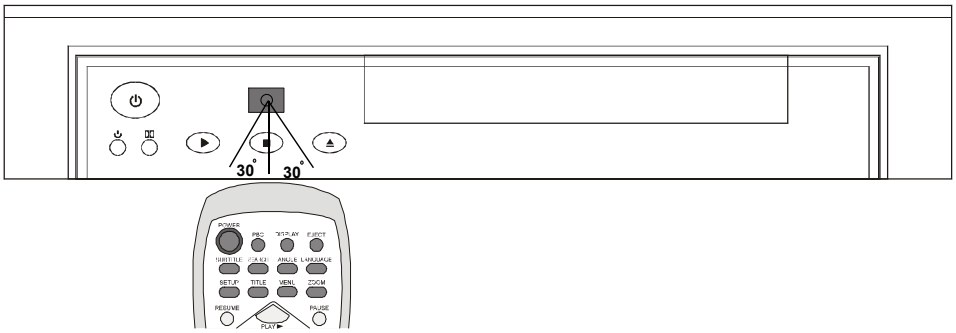
Digital Audio Output

If you have another audio decoder which can decode Dolby Digital / Dts, connect the optical jack of the DVD player to the audio decoder (such as amplifier)via optical cable.

Then set the SPDIF “on” on OSD. you can use the optical digital audio output to enjoy the original audio.The instruction is as follows:



Operating DVD player with the remote control

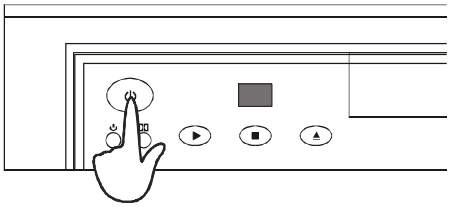


When using the remote control, point to the remote sensor on the DVD player.

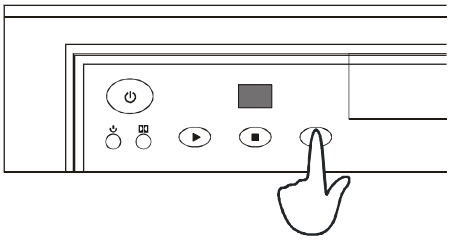
Distance:
Maximum of 7m
Angle:
Approximately 30^0 from each direction.

**Do not expose the remote sensor directly to direct sunlight or lighting apparatuses. The DVD player will be malfunctioned if you do so.*

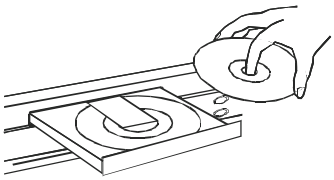
Playing a DVD



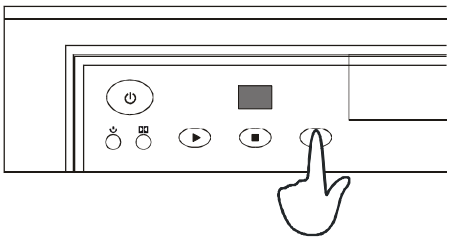
1.Press the Power button to turn on the player.



2.Press the Eject button (⏏) to open the tray door.

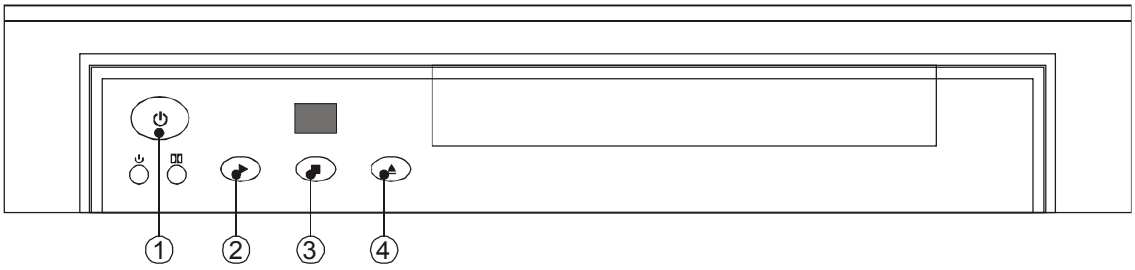


3.Insert a disc.



4.Press the Eject button (⏏) to close the tray door.

Front Panel Operation



1.POWER

Turn on or turn off the player.

2.PLAY

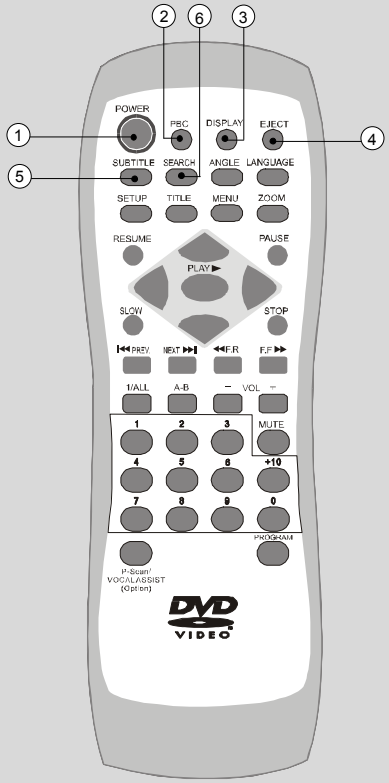
Play the program on the disc.

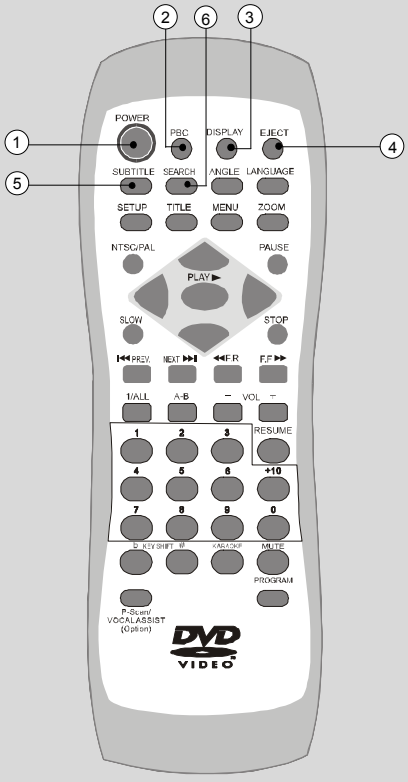
3.STOP

Stop playing.

4.OPEN/CLOSE

Open or close the tray.





(FOR KARAOKE FUNCTION)

Remote Control Operation

1.POWER

Turn on or turn off the player.

2.PBC

Playback control. Press PBC (on) to program selected chapter. The root menu will appear. Press “PBC”(off) to play movie uninterrupted.

3.DISPLAY

Each time you press the Display button, the on-screen display changes as follows:

Title, Chapter and Elapsed time

Title time

Title remain time

Chapter Elapsed time

Chapter remain time

Display off

4.EJECT

Press “EJECT” to open the disc tray. Place a Disc on the tray dish. Hold the disc without touching the surface, position it with the printed title side facing up, align it with the guides, and place it in its proper position.

Press “EJECT” to start playing. The disc tray will automatically close and start playing . If the disc has one or more titles recorded on it, the menu screen will appear on the TV monitor.

5.SUBTITLE

If the disc has two or more subtitles recorded on it, they can either be displayed or cleared on the screen.

1. Press **“SUBTITLE”** during play. It will show as many subtitles as the disc has.
2. Keep on pressing,selected subtitle (including subtitle off) will appear in turn.
3. Stop pressing the button after the selected subtitle appears.

Note: In some cases, the subtitle language is not changed immedi ately to the selected one. When the selected language is not working, even after pressing the button several times, it means that the language is not available on the disc. This function is only for DVD discs.

6.SEARCH

This description is divided into 3 parts,

When you are playing a “**DVD**”

Press “**SEARCH**” while a disc is playing and a menu will be shown on the screen. There are 9 modes can be chosen, including: “**Title**”, “**Chapter**”, “**Audio**”, “**Subtitle**”, “**Angle**”, “**TT Time**”, “**Ch Time**”, “**Repeat**” and “**Time Disp**.”. Press “▲/▼” to select different modes, press “**Enter**” to select the detail information.

When you are playing a “**VCD**”

Press “**SEARCH**” while a disc is playing and a menu will be shown on the screen. There are 5 modes can be chosen, including: “**Track**”, “**Disc Time**”, “**Track Time**”, “**Repeat**” and “**Time Disp**.”. Press “▲/▼” to select different modes, press “**Enter**” to select the detail information.

When you are playing a “**CD**”

Press “**SEARCH**” while a disc is playing. There are 3 modes can be chosen, including: “**Disc Go To**”, “**Track Go To**” and “**Select Track**”.

7.ANGLE

Some DVD discs may contain scenes that have been filmed simultaneously from a number of different angles. For these discs, the same scene can be viewed from various angles using the "**ANGLE**" button. (The recorded angles varies depending on the disc.)
This function is only for DVD discs.

8.LANGUAGE

It is possible to change the audio soundtrack language from the one selected at the initial setting to a different language, if available. (This operation works only with discs on which multiple audio soundtrack languages are recorded.)
Press "**Language**" during play. The options will appear on the screen. Continue pressing the "**Language**" button until your desired language is displayed. The language will be back to the initial setting if "Language Off" appears on the TV screen.

9.SETUP

Access the System Setup Menu.

10.TITLE

Press "**TITLE**" to select preferred options. Use direction keys to select.
Press "**PLAY**" to enter the selection.

11.MENU

Some discs with movies, for example, come with two or more titles. If the disc has a title menu recorded on it, the " **MENU** " button can be used to select the movie title. (The details of this operation differ depending on the disc used.) This function is only used for DVD disc.

1. Press " **MENU** " during play. A list of the titles on the disc will be displayed.
2. Press direction key to select the preferred title.
3. Press " **PLAY** ". The selected title now starts to play

12.ZOOM

Each time this button is pressed, the enlarged image changes as followed:
2x→3x→4x→1/2x→1/3x→1/4x→ restore image's normal size
You can move the scene with direction key.

13/(23A).RESUME (PS:23AFOR KARAOKE FUNCTION)

Press "**RESUME**" to exit the menu system of the DVD returning to normal playback mode.

13A.NTSC / PAL(FOR KARAOKE FUNCTION)

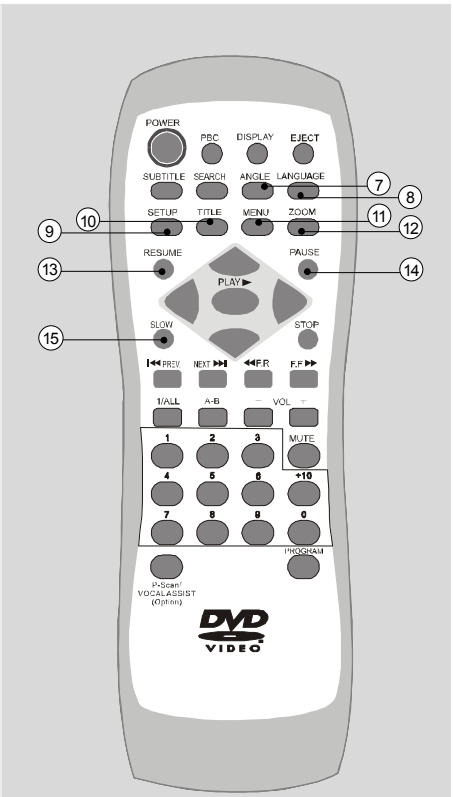
Choosing TV mode from **"NTSC", "PAL"** and **"Auto".**

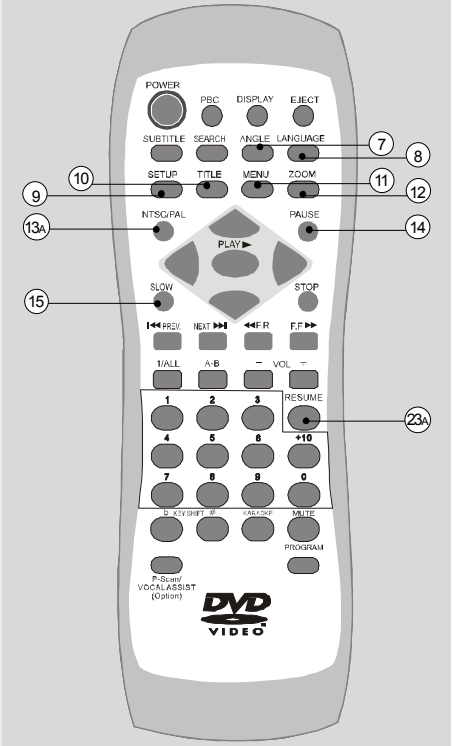
14.PAUSE

Press " **PAUSE** " during play to get a still picture. Press " **PLAY**" again to return to normal play.

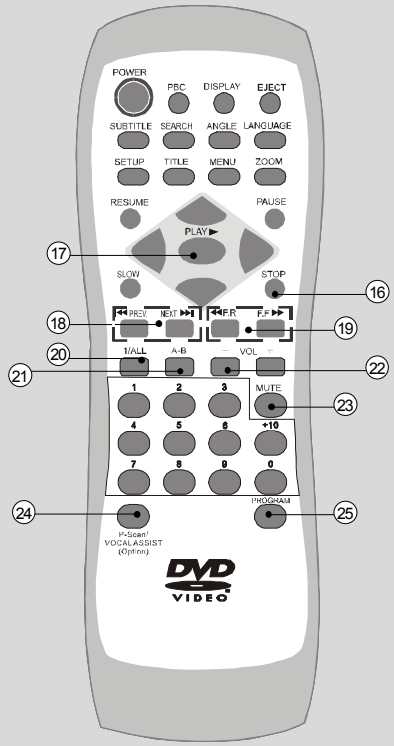
15.SLOW

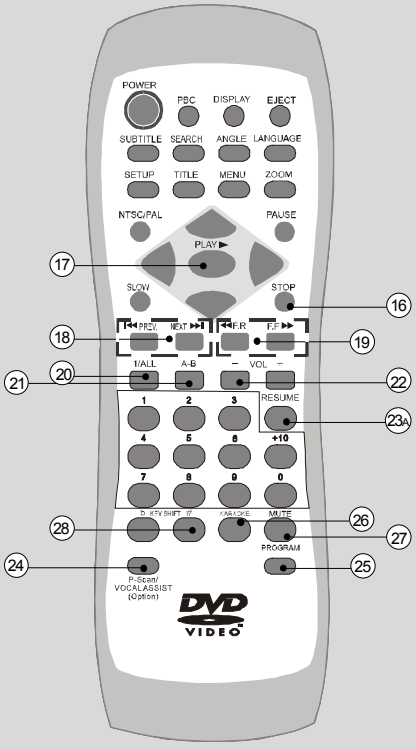
Press " **SLOW** " in the play mode. The slow motion changes each time this button is pressed as followed,
◀ **:**1/2x→1/4x→1/8x→1/16x→ , ▶ **:** 1/2x→1/4x→1/8x→1/16x→ restore normal play mode.





(FOR KARAOKE FUNCTION)





(FOR KARAOKE FUNCTION)

16.STOP

Stop playing a disc.

17.PLAY/ENTER

Start playing the program on the disc.

18.PREVIOUS, NEXT

Press NEXT during play

Go to the next chapter or track.

Press PREVIOUS during play

19.F.R .and F.F.

The speed changes everytime when you press "◀◀", "▶▶" during play as follows: 2x→4x→8x→16x→32x. Press again to restore normal play mode.

◀◀: Reverse Direction ▶▶: Forward Direction

20.1/ALL

Repeat Chapter

Press "**1/ALL**" during play. Each time this button is pressed, repeat options are shown as follows:

Repeat Chapter Repeat Title
Repeat All Cancel Repeat Mode

Note: Repeat play works only with discs for which the elapsed playing time appears in the unit's display during playback. Repeat play may not work correctly with some DVDs. For MP3 disc, there are three modes to repeat the contents: Folder (default value), Rep-one and Folder Rep.

21.A-B

Repeat A-B

1. Press "A-B" during play at the point where repeat play is to set point A. Press" A-B" again at the point where repeat play is to be set point B. Repeat play of the selection between points A and B status.
2. Press "A-B" again. (Standard playback appears on the TV monitor.)

Note: A-B repeat play works only with discs for which the elapsed playing time appears on the unit's display during playback. This funciton is not available for MP3 discs. Some subtitles recorded around point A or B may fail to appear.

22.VOLUME

Use " **VOL+** " or " **VOL-** " button to adjust the output volume.

23/27.MUTE(PS:27 FOR KARAOKE FUNCTION)

Press this button to mute sound. Press it again to restore sound.

24.P-Scan (Option)

You may select the P-SCAN TV mode to get better resolution and picture.

Note: If your TV doesn't support P-SCAN mode, the screen will disappear, press it again to solve the problem.

24.VOCAL-ASSIST (Option)

you can select Left channel output only or Right channel output only or Stereo output.

25.PROGRAM

You can arrange the orders of the titles, chapters, or tracks on the disc and create your own program. This function is only active in PBC (Play Back Control) OFF mode.

26.KARAOKE(FOR KARAOKE FUNCTION)

Press**"KARAOKE"** button once to control KARAOKE function on , press it again to control.

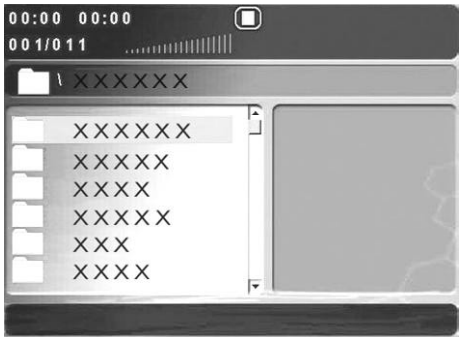
What is MP3

MP3 is a new music format which is capable to play the music on the internet.

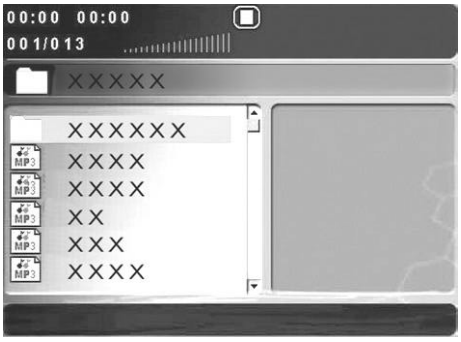
MP3 Operation

1. Turn on the TV and insert an MP3 CD, the MP3 menu folder will be shown on the screen when the tray is closed. **(picture 1)**
2. Press "▲/▼" to select the desired folder. **(picture 1)**
3. Press "**PLAY/ ▶**" to see the MP3 list under the selected folder. Press "**PLAY/ ▶**" to return to the previous page. **(picture 2)**
4. Press "▲/▼" to select the desired MP3 file. **(picture 2)**
5. Press "**PLAY**" to play the selected MP3 file. **(picture 3)**
6. Select "🗀" mark and press "**PLAY/ ▶**" to return to the previous page.
7. You can also press "**PROGRAM**" to see all the MP3 files in the disc and press "▲/▼" to select the desired MP3 file and press "**PLAY**" to play the selected MP3 file. **(picture 4)**
8. Press "⏮" or "⏭" to go to the next/previous page.
9. Press "**1/ALL**" to select different play modes including: **Single**, **Repeat Folder**, **Folder**, **Shuffle**, **Random** and **Repeat One**.

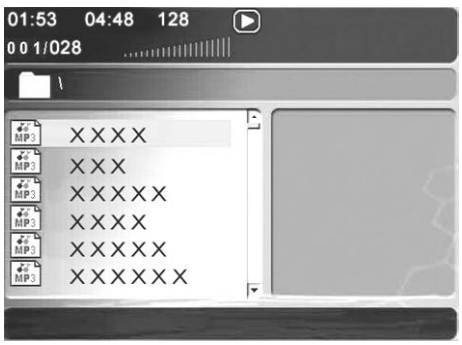
(picture 1)



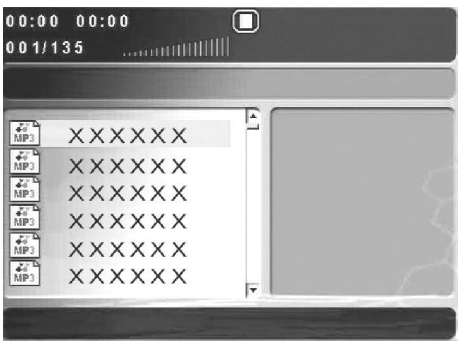
(picture 2)



(picture 3)



(picture 4)



• The "🗀" sign in front of a file name indicates that this is a folder, not an MP3 file.

• The"MP3" sign in front of a file name indicates that this is an MP3 file.

What is JPEG

JPEG is short for the “Joint Photographic Experts Group”, a group of experts nominated to produce standards for continuous tone image coding.

The best known standard from JPEG is IS 10918-1 (ITU-T T.81), which is the first of a multi-part set of standards for still image compression. This allows you to create files (such as photographs, drawings, and most clip-art) that can be archived on a CD-R for viewing on the RDV650, computer, or the web.

Playing Your JPEG Files

Normal Slide Show Presentation

When a JPEG disc is loaded into the player, a menu will appear on screen. (the same as the on screen menu of MP3) Each picture in the current directory will be displayed consecutively in a slideshow presentation and will be automatically displayed using the largest size that fits in your television screen. Sixteen slideshow “transition” modes are provided. Use the “**PROGRAM**” button to select one of the following transition effects:

mode 1: Wipe Top (by default)	mode 2: Wipe Bottom
mode 3: Wipe Left	mode 4: Wipe Right
mode 5: Diagonal Wipe Left Top	mode 6: Diagonal Wipe Right Top
mode 7: Diagonal Wipe Left Bottom	mode 8: Diagonal Wipe Right Bottom
mode 9: Extend From Center H	mode 10: Extend From Center V
mode 11: Compress To Center H	mode 12: Compress To Center V
mode 13: Window H	mode 14: Window V
mode 15: Wipe From Edge To Center	mode 16: Move In From Top

Press “**1/ALL**” button to select different play modes including: **Random**, **Repeat One**, **Repeat All**, **Repeat Off**, **Single** and **Shuffle**.

Image Rotation

There are four modes to rotate a picture: **Invert, Mirror, Left,** and **Right**. These operations are allowed only when a picture is being displayed normally, and will be cancelled automatically when the next picture is displayed (press”**next**” or “**prev**”)The arrow key are used to select the different rotation modes:

Up -Mirror/Vertical

Down -Mirror/Horizontal

Left -Turn left

Right -Turn right

Zoom

This features allows you to view a picture at 50%-200% in several increments. Press the “**ZOOM**” button. An on screen message (“ **Zoom 100%** ”) will verify your selection. Use “**F.F**” and “**F.R**” keys to control the amount of zoom in and out. Press the direction keys to move the picture in any direction. Press “**Zoom**” button again to exit the “**Zoom**” mode and back to normal operation.

Note: When in the “ZOOM” mode, the slideshow transition and image transformation features are disabled.

Menu

When JPEG CD is played, the “**MENU**” key is used to display JPEG folders and the corresponding files. During the playback, press “**STOP**” to access thumbnail menu.

What is WMA (Option)

WMA, short for Windows Media Audio, is also a digital audio file similar to a MP3. WMAs are more efficient than MP3s because they can be compressed to an even smaller size than MP3s. This simply means that a **WMA** takes up less space on your hard drive then a MP3 of the same song does. It also has high sound quality and can be played on your computer like a MP3 but only works with Windows Media Player.

Application

The same as MP3 operation. (Please refer to Page 12)

What is PROGRESSIVE SCAN (Option)

Progressive Scan is a scanning process used in describing how the electronics of such devices work, but also describes a process used by image processors and decodes interpolate MPEG-2 formats.

Application

1. This function only works when the TV supports Progressive Scan function.
2. Please refer to Page 6 "**Component Output**" to understand the way to connect the TV set.
3. Please refer to Page 20 "**TV Mode**" to understand the system setting.
4. You can also press the "**P-Scan**" button on the remote control to switch to P-SCAN TV mode.

Note: If your TV doesn't support P-Scan mode, the screen will disappear, press it again to solve the problem.

What is DVD-Audio (Option)

DVD-Audio is a format specifically designed to provide the highest possible audio fidelity capable on DVD. The audio fidelity of DVD-Audio far exceeds the quality of conventional CD's and audio on DVD-Video.

DVD-Audio takes advantage of the large storage capacity, speed and flexibility possible with DVD. DVD-Audio provides for audio in stereo and in multi-channel surround in a wide range of specifications. In addition to audio, a DVD-Audio disk can contain a limited amount of video, which can be used to display text, such as lyrics or notes; or stills such as a photo album. Up to 16 graphic stills can be associated with each track and on-screen displays can be used for lyrics and disc navigation. As an option, a DVD-Audio disc can also include audio tracks recorded in the DVD-Video specification (Dolby Digital and DTS) for compatibility with DVD-Video players.

Use the Setup Menu display to change the system configuration. In this section, each item on the Setup Menu display will be described.Use " ▲ / ▼ / ◀ / ▶ " buttons to select the item that you want and press "**PLAY**" or "**ENTER**" button to confirm.

General Setup Page

TV Display

The type TV set (4:3 or 16:9) connected to the player and the wide screen picture type for a 4:3 TV can be set. Select "**General Setup Page**". You will see the following table on the screen. Press " ▲ / ▼ " to select "**TV Display**". Press **"PLAY**" to confirm your choice. This setting can only be changed on the setup menu.

Normal/PS

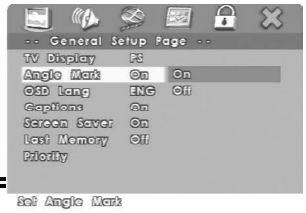
Select this option when you connect a normal TV to the player. Displays the wide picture with a portion automatically cut off (the left and right edges).

Normal/LB

Select this for a conventional sized TV set. Black bands appear in both upper and down sides. (Letter-Box Style)

Wide

Select this for a wide-screen TV set, played in full size. Setting the side-screen TV to FULL mode is also necessary.



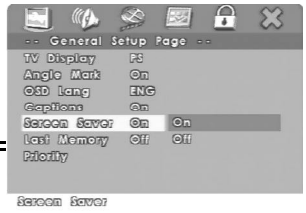
Angle Mark

Press " ▲ / ▼ " to select "**Angle Mark**". This function can be set to "**On**" or "**Off.**" This function only works on the discs that support the multiple angle view feature.

OSD Lang

The setup menu can be shown in other languages. You can choose another language by pressing " ▲ / ▼ " to select "**OSD Lang**". Turning the power off will not effect the setting. The setting can only be changed on the setup menu.

Note:Some DVD may not include the pre-selected languages. In this case, the player automatically displays menu which is consistent with the disc's initial language setting.



Captions

Press "" to select "**Captions**". This function allows you to turn the sub-titles on or off.

Screen Saver

Press " ▲ / ▼ " to select "**Screen Saver**". This function can be set to "**On**" or "**Off.**"

Last Memory

Press " ▲ / ▼ " to select "**Last Memory**". When the setting is "**On**", the player starts memorizing the last memory of the last disk. This function only works when the player is powered on.

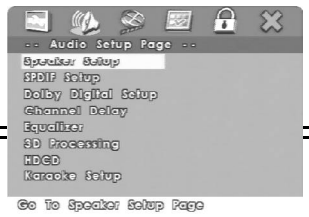
Priority (option)

The deluxe version model which supports DVD-Audio. You have to set "**DVD-Audio**" as the first "**Priority**" while playing "**DVD-Audio**" disc.

Audio Setup Page

Audio setup options should only be changed if the DVD player is connected to a LEFT or RIGHT surround sound processor.

Speaker Setup



Downmix

Switches the mixing down methods when you play a DVD with rear signal components.This function can be set to "**LT/RT**","**Stereo** ","**V SURR** ","**Off**".

Note: If you want to have 5.1 channel output, please select "Off".

Front Speaker

These functions allow you to determine the front, center, rear or subwoofer speaker is "**Large**" or "**Small**" depends on your need.

Center Speaker

These functions allow you to determine the front, center, rear or subwoofer speaker is "**Large**" , "**Small**" or "**Off**" depends on your need.

Rear Speaker

These functions allow you to determine the front, center, rear or subwoofer speaker is "**Large**" , "**Small**" or "**Off**" depends on your need.

Subwoofer

These functions allow you to determine the front, center, rear or subwoofer speaker is "**On**" or "**Off**" depends on your need.

Test Tone

This item allows you to open or close the test tone function. Downmix had to be set as "**Off**". And there is no disc in the player.

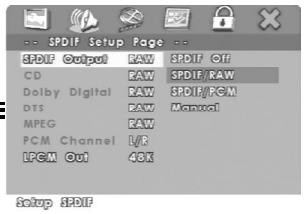
Dialog

Press "▲/▼" to adjust the dialog volume while setting Downmix as "**LT / RT**" or "**Stereo**".

Post DRC

This is selected to adjust post dynamic range compression function to obtain the different compression results.

SPDIF Setup



SPDIF Output

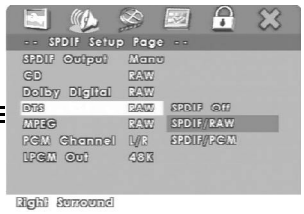
Press "▲/▼" to select "**SPDIF Output**".

CD

Press "▲/▼" to select "**CD**" digital output while "**SPDIF Output**" is set to "**Manual**".

Dolby Digital

Press "▲/▼" to select "**Dolby Digital**" output while "**SPDIF Output**" is set to "**Manual**".

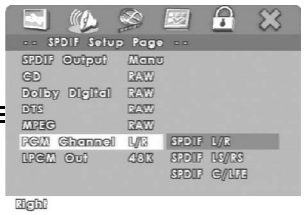


DTS

Press "▲/▼" to select "**DTS**" digital output while "**SPDIF Output**" is set to "**Manual**".

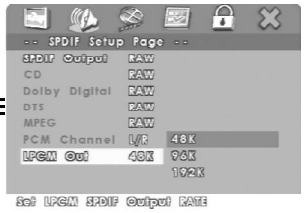
MPEG

Press "▲/▼" to select "**MPEG**" digital output while "**SPDIF Output**" is set to "**Manual**".



PCM Channel

This function only works when "**SPDIF Output**" is set to "**Manual**"



LPCM Out

Press "▲/▼" to select "**LPCM Out**" frequency. The 2 channel model can afford 48K and 96K. The 5.1 channel model can afford 48K, 96K and 192K.

Dolby Digital Setup

Dual Mono

This is the output mode of the L and R signals of the set audio output. If it is set to "**Mix-Mono**", this function only works when the DVD is being played in 2 channel.

Dynamic

Press "▲/▼" to adjust the linear compression rate of the signal.

Channel delay

Center

Press "▲/▼" to select the "**Center**" channel. Press"◀/▶" to adujst the distance. Press "**PLAY**" to return to "**Channel Delay**". The default setting is 0cm.

LS

Press "▲/▼" to select the "**Left Surround**" channel. Press "◀/▶" to adujst the distance. Press "**PLAY**" to return to "**Channel Delay**". The default setting is 170cm.

RS

Press "▲/▼" to select the "**Right Surround**" channel. Press "◀/▶" to adujst the distance. Press "**PLAY**" to return to "**Channel Delay**". The default setting is 170cm.

Subwoofer

Press "▲/▼" to select the "**Subwoofer**" channel. Press "◀/▶" to adujst the distance. Press "**PLAY**" to return to "**Channel Delay**". The default setting is 0cm.

Equalizer

EQ Type

There are 7 types of EQ setting.You may select the favorite sound effect according to the playing disc.

Bass Boost

Enable the "**Bass Boost**" function.

Super Bass

Super Bass

Enable the "**Super Bass**" function. This function only works when "**Bass Boost**" is on.

Treble Boost

Treble Boost

Enable "**Treble Boost**" function.

PRO Logic II

PRO Logic II (Option)

Press "▲/▼" to select "**PRO Logic II**".

Select PRO Logic II Mode

Mode (Option)

Press "▲/▼" to select "**Mode**". This function only works when the "**PRO Logic** II" setting is selected to "**On**" **or** "**Auto**".

Go To PRO Logic II Config Page

3D Processing

Go To 3D Processing Page

PRO Logic (Option)

The deluxe version model supports prologic II virtual surround sound effect.

Set PRO Logic II Panorama Control

Panorama (Option)

Press "▲/▼" to select "**Panorama**". This function only works when the "**PRO Logic** II" setting is selected to "**On**" **or** "**Auto**".

Set PRO Logic II Dimension Size

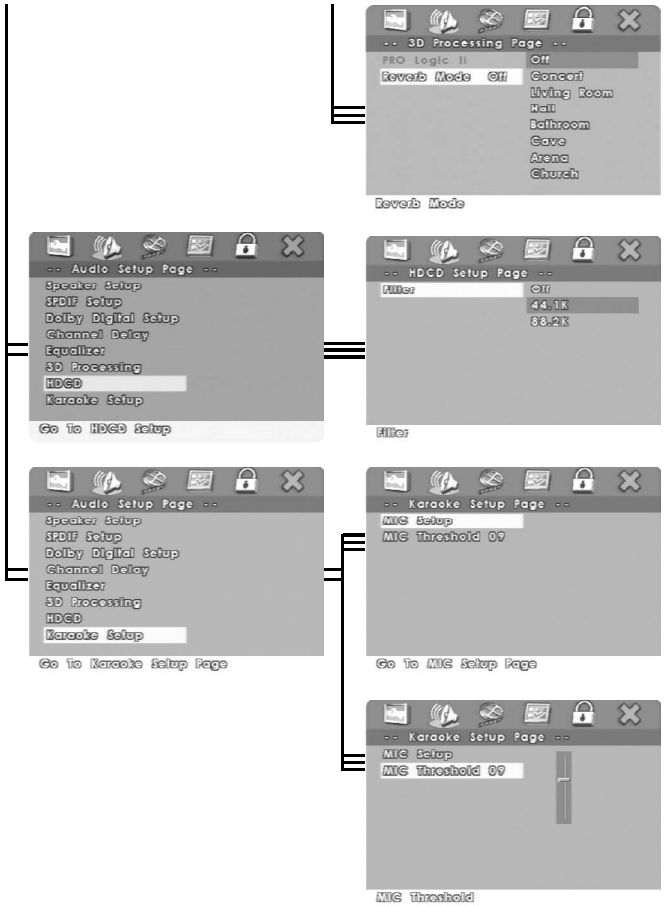
Dimension (Option)

Press "▲/▼" to select "**Dimension**". This function only works when the "**PRO Logic** II" setting is selected to "**On**" **or** "**Auto**".

Set PRO Logic II Center Width

Center Width (Option)

Press "▲/▼" to select "**Center Width**". This function only works when the "**PRO Logic** II" setting is selected to "**On**" **or** "**Auto**".



Reverb Mode

3D PROCESSING MODE selection. There are 7 options including, "**Concert,Living Room, Hall, Bathroom, Cave, Arena, Church**".

HDCD (Option)

Select "**HDCD**" to have better sound quality while playing HDCD format CD. (This function only works when the "**Filter**" is selected to 88.2K.)

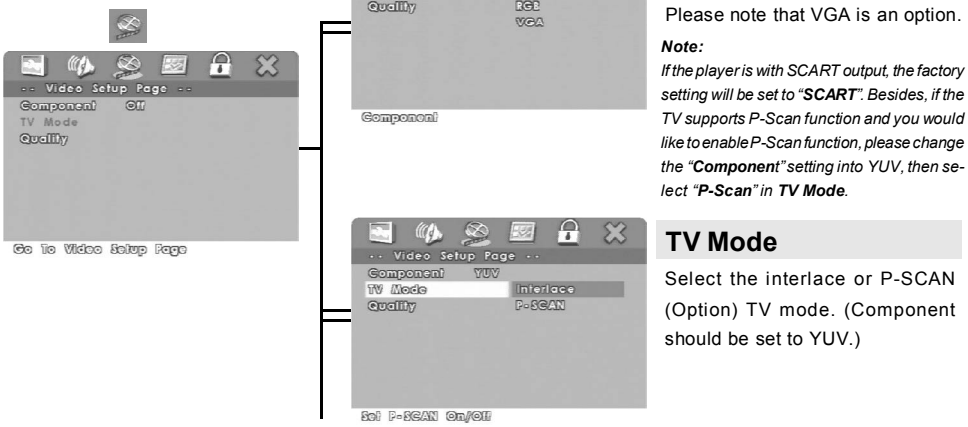
Karaoke Setup (Option)

Select "**Karraoke Setup**" while the player supports this function.

MIC Threshold (Option)

Press "▲/▼" to select "**MIC Threshold**".

Video Setup Page



Component

Enable component video output. Please note that VGA is an option.

Note:

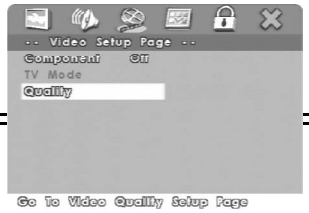
*If the player is with SCART output, the factory setting will be set to "**SCART**". Besides, if the TV supports P-Scan function and you would like to enable P-Scan function, please change the "**Component**" setting into YUV, then select "**P-Scan**" in **TV Mode**.*

TV Mode

Select the interlace or P-SCAN (Option) TV mode. (Component should be set to YUV.)

Quality

Adjust the video output quqlity .



Sharpness

Press “▲/▼” to adjust “**Sharpness**”.

Brightness

Press “◀/▶” to adjust “**Brightness**”.
Press “**PLAY**” to return to “**Brightness**”.

Contrast

Press “◀/▶” to adjust “**Contrast**”.
Press “**PLAY**” to return to “**Contrast**”.

Gamma

Press “▲/▼” to adjust “**Gamma**”.

Hue

Press “◀/▶” to adjust “**Hue**”. Press “**PLAY**” to return to “**Hue**”.

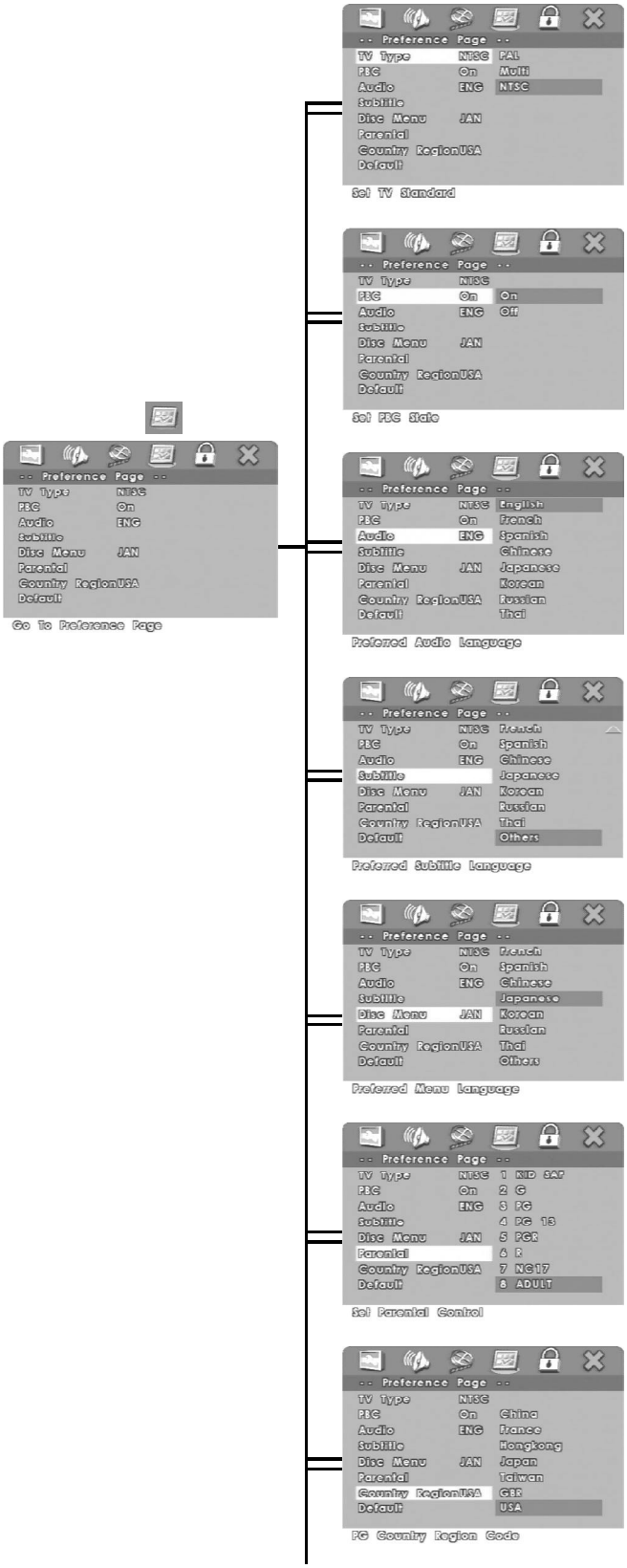
Saturation

Press “◀/▶” to adjust “**Saturation**”.
Press “**PLAY**” to return to “**Saturation**”.

Luma Delay

Press “▲/▼” to adjust “**Luma Delay**”.

Preference Page



TV Type

Press **" ▲ / ▼ "** to select "**TV Type**". Select the TV type according to the TV set. (Including **NTSC**, **PAL** and **Multi**.)

PBC

Playback control. This is the function especially for VCD. Press "**PBC**" (**On**) to allow to program selected chapter. After this material is completed, the root menu will appear. Press "**PBC**" (**Off**) to play movie uninterrupted.

Audio

This function can be set to "**English**", "**French**", "**Spanish**", "**Chinese**", "**Japanese**" or "**German**" and etc. (depending on the DVD format).

Subtitle

This function can be set to "**English**", "**French**", "**Spanish**", "**Chinese**", "**Japanese**" or "**German**" and etc. (depending on the DVD format).

Disc Menu

This function can be set to "**English**", "**French**", "**Spanish**", "**Chinese**", "**Japanese**" or "**German**" and etc. (depending on the DVD format).

Parental

Move the arrow to "**Parental**". There are 8 options of selections. Parental control only works with DVD discs that have this protection system encoded. Parental control does not work for VCD or audio CD discs.

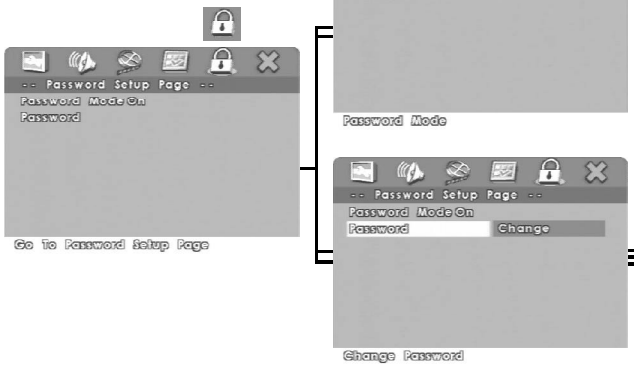
Country Region

Set up the parental control country region.

Default

This function will change all parameter to the default setting.

Password Setup Page



Password Mode

Press "▲/▼" to select "**Password Mode**" to "**On**" or "**Off**".

Password

The initial factory setting for "**Old Password**" is 123456 for 5.1CH DVD player. You need to enter this number if you want to change the password.

Note:

Do not forget your password. Currently, there is no way to override the password.

Exit Setup Page

Exit Setup Menu

Press "**PLAY**" to exit the Setup Menu.

Warranty and Service Information

Yamakawa Consumer Limited Warranty

Yamakawa provides a limited one year warranty for this product against defects in material and workmanship under normal use and service from the date of purchase by the original purchaser from an authorized Yamakawa reseller. No Warranty for commercial use. YAMAKAWA does not make any other warranties in respect to the product, either expressed or implied, including no warranties of merchantability or fitness for a particular purpose, except as expressly provided in this agreement.

If any labor, repair or parts replacement is required because of accident, negligence, misuse, theft, vandalism, fire, water or peril; or because of conditions outside of the manufacturers specifications, including but not limited to, electrical power,temperature, humidity or dust; or by moving, repair relocation or alteration not performed by YAMAKAWA or by any cause other than normal use, the warranty provided herein shall not apply. This warranty applies only to the original purchaser.

YAMAKAWA SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OR FOR

LOSS, DAMAGE OR EXPENSE DIRECTLY OR INDIRECTLY ARISING FROM CUSTOMERS USE FO OR INABILITY TO USE THE EQUIPMENT EITHER SEPERATLY OR IN COMBINATION WITH OTHER EQUIPMENT, OR FOR PERSONAL INJURY OR LOSS OR DESTRUCTION OF OTHER PROPERTY, OR FROM ANY OTHER CAUSE.

Upon notification as set forth on the reverse side of this card, YAMAKAWA or its authorized service centers shall have the option to repair or replace any defective part of the product. Such service by YAMAKAWA shall be customers' sole and exclusive remedy. YAMAKAWA will bear the cost of warranty labor and materials for hardware maintenance, repair or replacement. Customer shall pay freight/ transportation charges to YAMAKAWA or authorized service centers. Proper installation and setup are ole responsibility of Customer.

IF SERVICE IS REQUIRED If the product does not perform as warranted, call YAMAKAWA for available service options and the location of your authorized service center, or email us at service@yamakawausa.com

If it is necessary to return an item to YAMAKAWA the defective product should be securely packaged with accessories in original boxes and insured for shipment. Owner agrees to insure and accept all liability for loss of or damage to this product. YOU MUST CALL TECHNICAL SUPPORT AT 800-8149614 FOR A RETURN AUTHORIZATION No.(RMA) AND SHIP-TO ADDRESS BEFORE SHIPPING ANY PRODUCT.

Please include copy of your dated sales receipt, product serial number + detailed description of the problem.

The product must be returned to YAMAKAWA within 2 weeks of receiving the RMA number. YAMAKAWA will make every effort to exchange or repair within 30 days of receipt.

recorded on DVD discs.

This warranty is valid only in North America.

Products taken outside of North America are no longer eligible for warranty service. This warranty shall not be applicable to the extent that any Federal, State or Municipal law, which cannot be preempted, prohibits any provision of this warranty. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

PLEASE RECORD YOUR SERIAL NUMBER HERE

YAMAKAWA

Toll Free Phone: 800-814-9614

www.yamakawausa.com **email: service@yamakawausa.com**